INTERNATIONAL SEARCH REPORT

International application No.

		PC17US04/21740	}
A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) : G01N 27/26, 447			
US CL : 204/451, 452, 601, 603			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED .			
Minimum documentation searched (classification system followed by classification symbols)			
U.S.: 204/451, 452, 601, 603; 204/451-455, 601-605			
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Documentation scarcing other than minimum documentation to the extent that such documents are included in the fields scarcing			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
Discording than page permitted against the international contain finance of than page and processed by source terms accept			
C DOCER CENTER CONCEDED TO BE DELEVIANT			
	MENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where ap		Relevant to claim No.
x	US 6,274,089 B1 (CHOW et al) 14 August 2001 (14.	08.2001), Especially embodiments of	1-8, 17-27, and 36
Y	Figures 3D and 3E.		9-16, 28-35, and 37-84
1		'	9-10, 20-33, and 37-84
x	WO 00/75650 A1 (LI et al) 14 December 2000 (14.12.2000), embodiment of Figures 4 and		1, 7-10
	5.		
Y			11-16
]
Y	WO 01/06228 A2 (WOUDENBERG et al) 25 Januar	y 2001 (25.01.2001), page 11, lines 4-	9-14, 28-33, and 45-50
j	8.		
Y	US 6,103,199 A (BJORNSON et al) 15 August 2000 (15.08.2000), Column 23, lines 30-59.		9-11, 15, 16, 28-30,
			34, 35, 45-47, 51 and
Y US 6,045,676 A (MATHIES et al) 04 April 2000 (04.04.2000), Figu		1.04.2000), Figure 7 embodiment.	37-84
			j
A US 6,159,353 A (WEST et al) 12 December 2000 (12.12.2000)			
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Further	documents are listed in the continuation of Box C.	See patent family annex.	
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"A" document defining the general state of the art which is not considered to be		date and not in conflict with the appli principle or theory underlying the inv	
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